

National Health and Nutrition Examination Survey 2003-2004

Documentation, Codebook, and Frequencies

MEC Laboratory Component: Pregnancy Results

Survey Years:
2003 to 2004

SAS Export File:
UC_C.XPT



January 2006

NHANES 2003–2004 Data Documentation

Laboratory Assessment: Pregnancy Results (UC)

Years of Coverage: 2003–2004

First Published: January 2006

Last Revised: N/A

Component Description

The dual energy x-ray absorptiometry (DXA) scan was performed on survey participants 8 years and older. The scan involves radiation exposure to the whole body. Pregnant women are excluded from the DXA, bioelectrical impedance, and cardiovascular fitness components of the mobile examination center, so a urine pregnancy test was performed first. If the urine test results were positive for pregnancy, a serum pregnancy test was also performed.

Eligible Sample

A pregnancy test was completed on female participants aged 12–59 years and menstruating females aged 8–11 years.

Description of Laboratory Methodology

The Icon 25 hCG test kit (Beckman Coulter) is a rapid chromatographic immunoassay for the qualitative detection of human chorionic gonadotropin (hCG) in urine or serum to aid in the early detection of pregnancy. The test utilizes a combination of monoclonal and polyclonal antibodies to selectively detect elevated levels of hCG in urine or serum.

A detailed description of the laboratory method used can be found on the NHANES website.

Laboratory Quality Control and Monitoring

The NHANES quality control and quality assurance protocols (QA/QC) meet the 1988 Clinical Laboratory Improvement Act mandates. Detailed quality control and quality assurance instructions are discussed in the NHANES Laboratory/Medical Technologists Procedures Manual (LPM). Read the LABDOC file for detailed QA/QC protocols.

A detailed description of the quality assurance and quality control procedures can be found on the NHANES website.

**Data
Processing
and Editing**

Urine and serum specimens were tested in the NHANES mobile examination centers. Detailed specimen collection and processing instructions are discussed in the NHANES LPM.

Detailed instructions on specimen collection and processing can be found on the NHANES website.

**Analytic
Notes**

A pregnancy test was completed on female participants aged 12–59 years and menstruating females aged 8–11 years.

References

N/A

NCHS Locator Fields

Title: Lab UC - Pregnancy Results (LAB UC)

Contact Number: 1-866-441-NCHS

Years of Content: 2003–2004

First Published: January 2006

Revised:

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: Pregnancy Results

Record Source: NHANES 2003–2004

Survey Methodology: NHANES 2003–2004 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

Medium: NHANES Web site; SAS transport files

National Health and Nutrition Examination Survey Codebook for Data Production (2003-2004)

Pregnancy Results (UC_C) Person Level Data

January 2006



SEQN	Target
	F(8 Yrs. to 59 Yrs.)
Hard Edits	SAS Label
	Respondent sequence number
English Text: Respondent sequence number.	
English Instructions:	

URXPREG	Target		
	F(8 Yrs. to 59 Yrs.)		
Hard Edits	SAS Label		
	Pregnancy test result		
English Text: Pregnancy test result			
English Instructions: The test is done on females 8-11 who have started menstruating and all females 12-59 years.			
Code or Value	Description	Count	Skip to Item
0	None	3	
1	Positive	269	
2	Negative	2380	
3	Not done	51	
4	Invalid	1	
.	Missing	0	